



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil  
**3435 Marion Street**

INPUTS	Variable	Units	House
<b>General</b>	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
	Bkg in clean fill	mg/kg	50
			<b>Small</b>
<b>House-specific</b>	Area of the exposure unit	m2	101.4501
	Area of the exposure unit	ft2	1092
	Concentration of lead in paint	mg/cm2	38.5
	Area of peeling paint	m2	0.743224
	Area of peeling paint	ft2	8

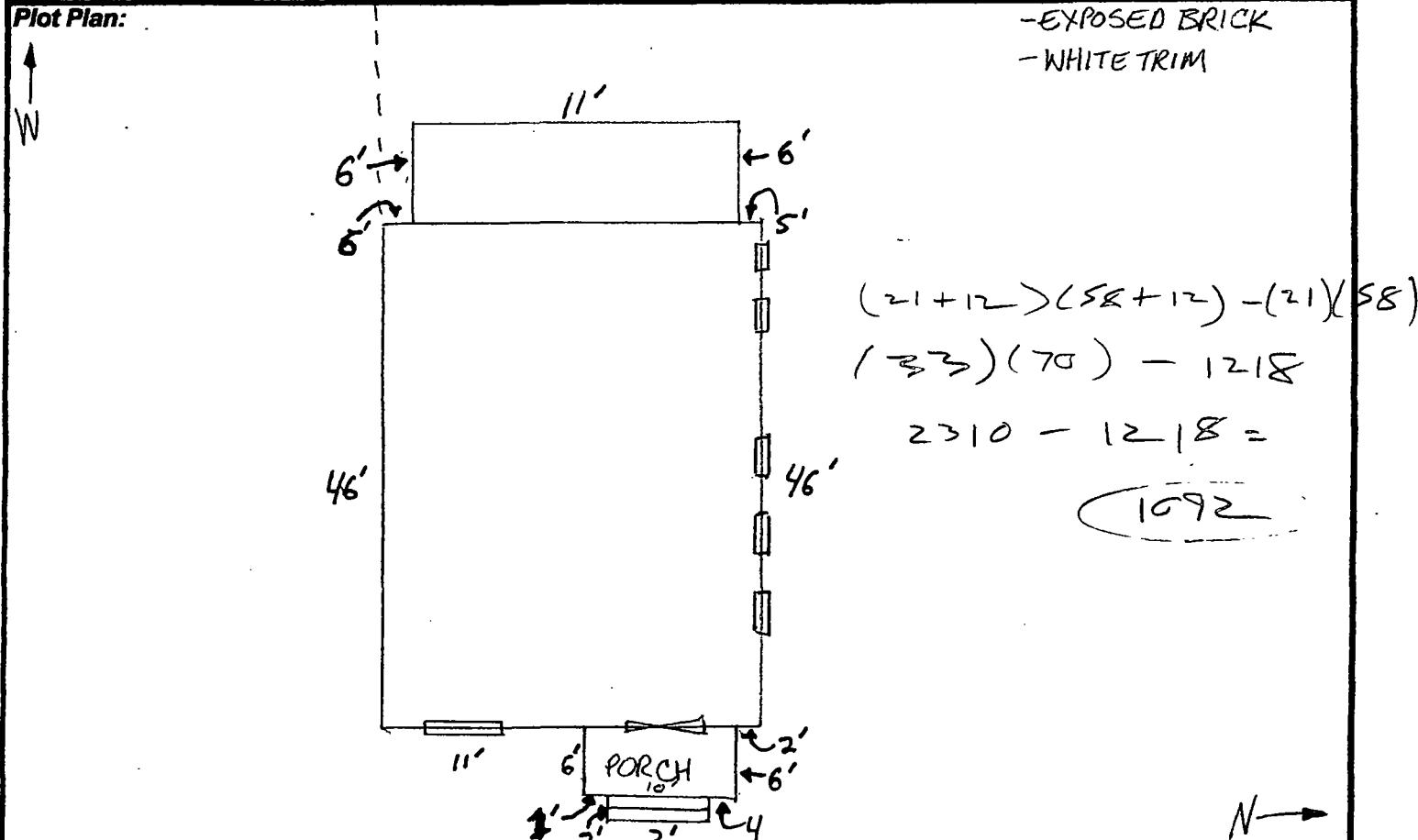
**COMPUTATIONS**

Mass of lead from paint	mg	2.9E+05
Volume of soil	cm3	2.6E+06
Mass of soil	kg	6.4E+03
Incremental concentration	mg/kg	44.4
Maximum acceptable area of peeling leaded paint (m2)		5.9
Maximum acceptable area of peeling leaded paint (ft2)		63.0

**DECISION**

OK

Property ID: 45	Date: 8-17-05
Address: 3435 MARION STREET	Telephone #:
Owner:	CO Certification #: 12860
Inspector/Assessor:	



MARION STREET

North  
South  
East  
West

Exterior Walls				Doors/Trim			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
WOOD	—	—	—				
WOOD	—	—		CEMENT THRESHOLD	—		5.7

North  
South  
East  
West

Window Trim/Fascia/Soffit				Patio/Decks/Porches			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
WOOD		CRACK	14.1	WOOD SOFFIT	—	CRACK	25.2
				WOOD CEILING	—		5
				WOOD COLUMN	8'4"	CRACK	38.5

North  
South  
East  
West

Metal Trim/Gutters/Downspouts				Misc Structures/Garage/Fences			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
				WOOD RED	—	PEEL	—

**August 17, 2005**

## LBP Assessment Results

## Strata Environmental Resource

Time	Site	Component	Substrate	Side	Condition	Color	Floor	Room	Results	Depth Ind	PbC	PbC Error
8/17/2005 8:22	45	COLUMN	WOOD	EAST	CRACKED	WHITE	FIRST	PORCH	Positive	8.15	38.5	2.9
8/17/2005 8:24	45	FOUNDATION	CONCRETE	EAST	PEELING	GREY	FIRST	OUTSIDE	Negative	4.63	0.03	0.04
8/17/2005 8:25	45	WINDOW SILL	CONCRETE	EAST	INTACT	GREEN	FIRST	OUTSIDE	Negative	3.05	0.5	0.1
8/17/2005 8:26	45	WINDOW FRAME	WOOD	EAST	CRACKED	WHITE	FIRST	OUTSIDE	Negative	1.65	0.5	0.1
8/17/2005 8:27	45	SOFFIT	WOOD	NORTH	CRACKED	WHITE	FIRST	OUTSIDE	Positive	5.6	25.2	1.5
8/17/2005 8:28	45	CEILING	WOOD	SOUTH	CRACKED	WHITE	FIRST	PORCH	Negative	4.99	0.01	0.03
8/17/2005 8:29	45	THRESHOLD	CONCRETE	EAST	CRACKED	SILVER	FIRST	PORCH	Positive	2.84	5.7	1.1
8/17/2005 8:31	45	RISER	CONCRETE	EAST	PEELING	GREY	FIRST	PORCH	Negative	1	0.01	0.02
8/17/2005 8:32	45	WINDOW SILL	CONCRETE	NORTH	PEELING	GREEN	FIRST	OUTSIDE	Negative	3.41	0.06	0.05
8/17/2005 8:33	45	WINDOW FRAME	WOOD	NORTH	CRACKED	WHITE	FIRST	OUTSIDE	Positive	3.92	14.1	1.5
8/17/2005 8:34	45	EXT. WALL	WOOD	NORTH	INTACT	WHITE	FIRST	OUTSIDE	Negative	1	0	0.02
8/17/2005 8:35	45	EXT. WALL	WOOD	WEST	INTACT	WHITE	FIRST	OUTSIDE	Negative	1	0	0.02
8/17/2005 8:36	45	FENCE	WOOD	SOUTH	PEELING	RED	FIRST	OUTSIDE	Negative	2.58	0.01	0.02
Note: Readings are in mg/cm <sup>2</sup> .												
Painted surfaces not tested were assessed to be in 'intact' condition at time of site visit.												

# Color Photo(s)

The following pages  
contain color that does  
not appear in the  
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(303) 312-6473.

Property ID # 45 / 3435 Marion Street



Paint is in good / fair condition